GENERALITAT VALENCIANA
CONSELLERIA D'INFRAESTRUCTURES I TRANSPORT

Fe de erratas del Manual de usuario de gvSIG Versión 1.0

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Todos los nombres propios de programas, sistemas operativos, equipo hardware etc.., que aparecen en este manual son marcas registradas de sus respectivas compañías u organizaciones.

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Errores conocidos. Introducción

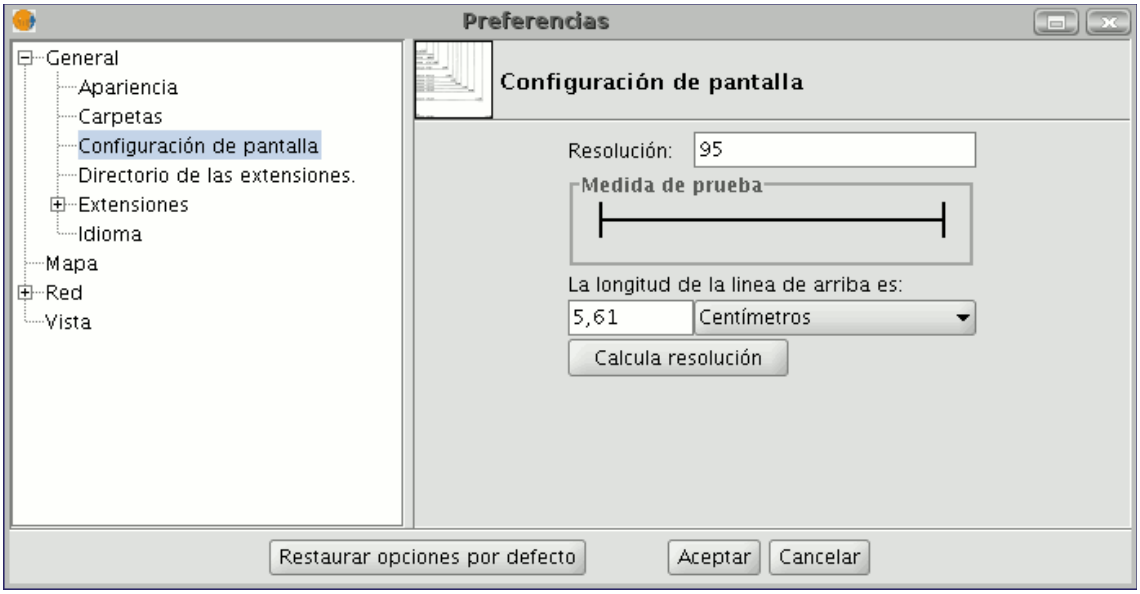
Debido a la necesidad de cerrar el manual para poder publicarlo junto con la 1.0 estable existen ciertas imágenes que no se corresponden con la interface que presenta la aplicación, lo que implica que el texto basado en ellas no es exacto. Se irán publicando distintas versiones de este documento intentando subsanar estas deficiencias.
Para una mejor localización del texto modificado se ha intentado mantener la misma estructura del manual de usuario, de manera que la numeración del capítulo se correspondería con el lugar que debe ocupar en el manual de usuario.

2 Proyectos y documentos propios

2.4 Ventana de preferencias

2.4.1 General

2.4.1.6 Configuración de pantalla (Nuevo)



En el cuadro de texto"Resolución" puede indicar los puntos por pulgada de su pantalla. gvSIG le permite calcular la resolución exacta de su pantalla, para ello lleve a cabo el siguiente procedimiento:

- Mida con una regla sobre la pantalla la recta dibujada en el cuadro "Medida de prueba"
- Escriba en el cuadro de texto que viene a continuación la medida obtenida (en la imagen que sigue se ha insertado el valor 5,61) y las unidades en las que ha obtenido dicha medición ("Centímetros" en nuestro caso).
- A continuación pulse el botón "Calcula resolución"
- Automáticamente gvSIG le proporcionará un valor de puntos por pulgada de su resolución que aparecerá en el cuadro de texto correspondiente (el resultado en nuestro caso es 95 ppp)

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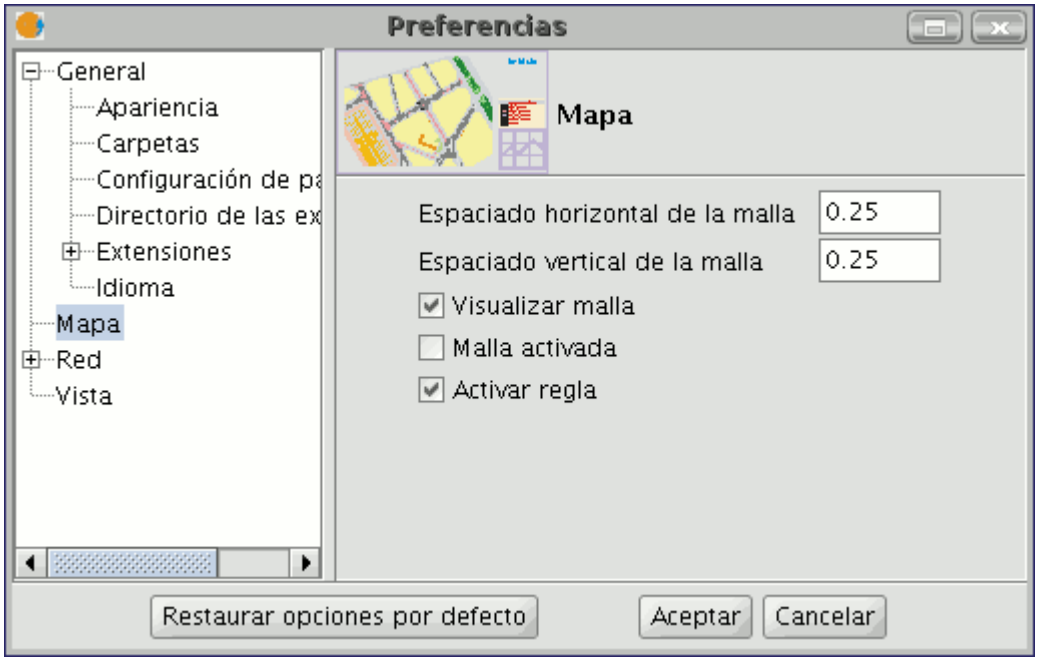
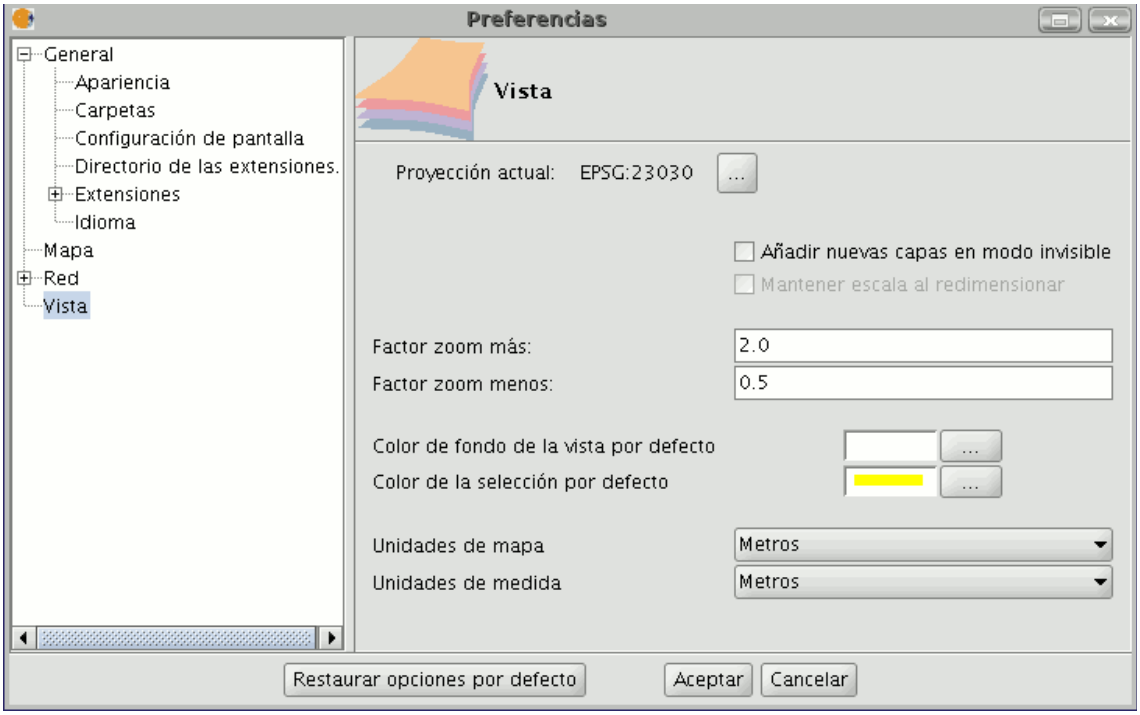
2.4.4 Mapa (nuevo)



Desde esta sección de la ventana de preferencias puede personalizar como desea trabajar con sus documentos de mapas.
Puede establecer los valores para el espaciado de la malla, tanto horizontal como vertical. Puede igualmente indicar si desea que se visualice la malla, activarla o desactivarla y activar o desactivar la regla, para ello simplemente pulse en los check según sus preferencias.
Cuando haya terminado de configurar sus preferencias pulse el botón “Aceptar”.

2.4.3 Vista

Puede establecer los valores que utilizará gvSIG cuando quiera realizar un zoom sobre una vista así como cambiar el color por defecto de la selección o el color de fondo de la vista.
Desde esta ventana puede además establecer las unidades del mapa y de las mediciones que realice en gvSIG.


Preferencias
General
Apariencia
Carpetas
Configuración de pantalla
Directorio de las extensiones.
Extensiones
Idioma
Mapa
Red
Vista
Vista
Proyección actual: EPSG:23030
...
Añadir nuevas capas en modo invisible
Mantener escala al redimensionar
Factor zoom más: 2.0
Factor zoom menos: 0.5
Color de fondo de la vista por defecto
Color de la selección por defecto
Unidades de mapa: Metros
Unidades de medida: Metros
Restaurar opciones por defecto
Aceptar
Cancelar

4 Vistas

4.4 Añadir una capa a gvSIG

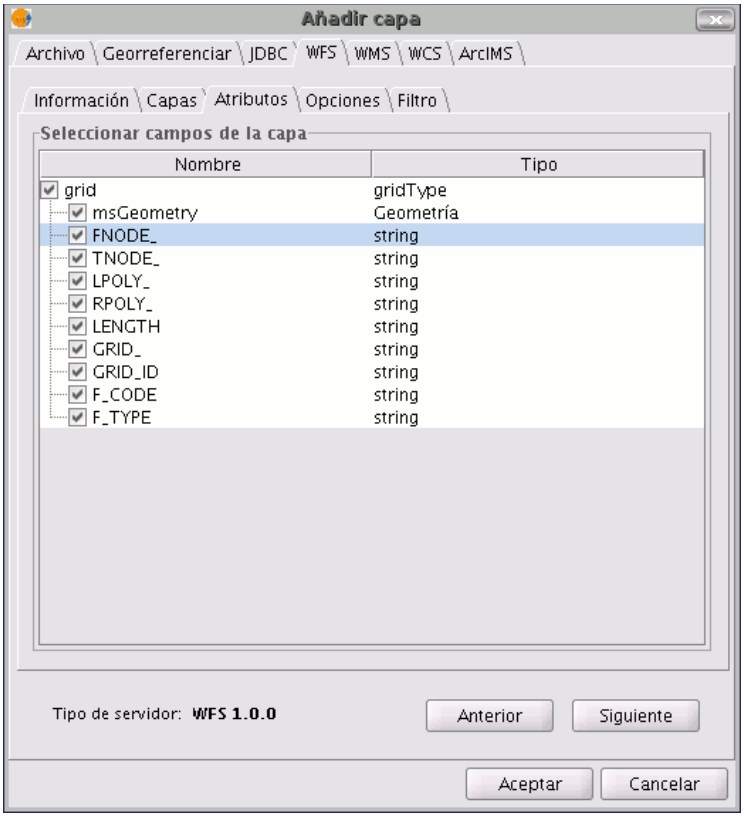
4.4.2 Añadir una capa a través de JDBC

En el manual se indica que se puede elegir entre varios driver de acceso a base de datos . De los drivers que se enumeran (Postgis, MySQL y HSQLDB), HSQLDB no está disponible en la versión 1.0 de gvSIG, sólo se puede elegir entre Postgis y MySQL

4.4.3 Añadir una capa a través del protocolo WFS

4.4.3.5 Selección de “Atributos”

La pestaña “Atributos” permite seleccionar los campos (o atributos) de la capa seleccionada. Al cargar la capa, sólo se recuperarán los campos que han sido seleccionados.
Para seleccionar los atributos active el check que aparece a la izquierda de los mismos.



4.4.3.6 Pestaña “Opciones”

En la pestaña “Opciones”, puede ver información relativa a la conexión.

Los parámetros que hacen referencia a la conexión son:

- **Número máximo de features** en el buffer, que es el número máximo de entidades que se pueden descargar.
- **Timeout**, que representa el tiempo de espera más allá del cual se descarta la conexión por considerarse errónea. Si estos parámetros son muy bajos, puede que una petición correcta no obtenga respuesta.

Otro parámetro importante es el SRS. (Sistema de coordenadas de referencia) que aunque de momento no se puede cambiar, está pensado que en un futuro si sea posible. En cualquier caso, gvSIG reproyectará la capa cargada al sistema de coordenadas que tenga la vista.

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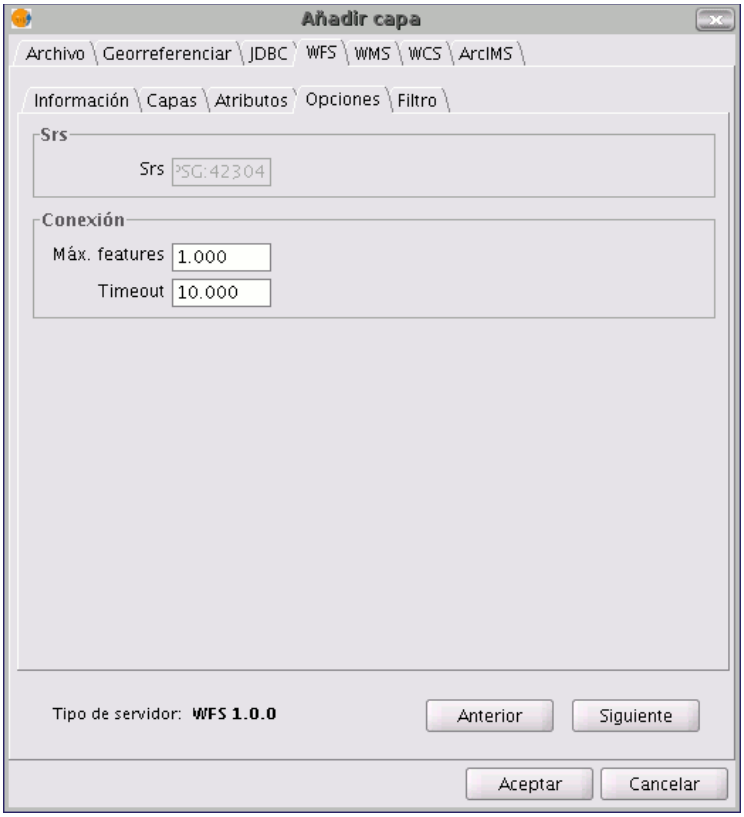
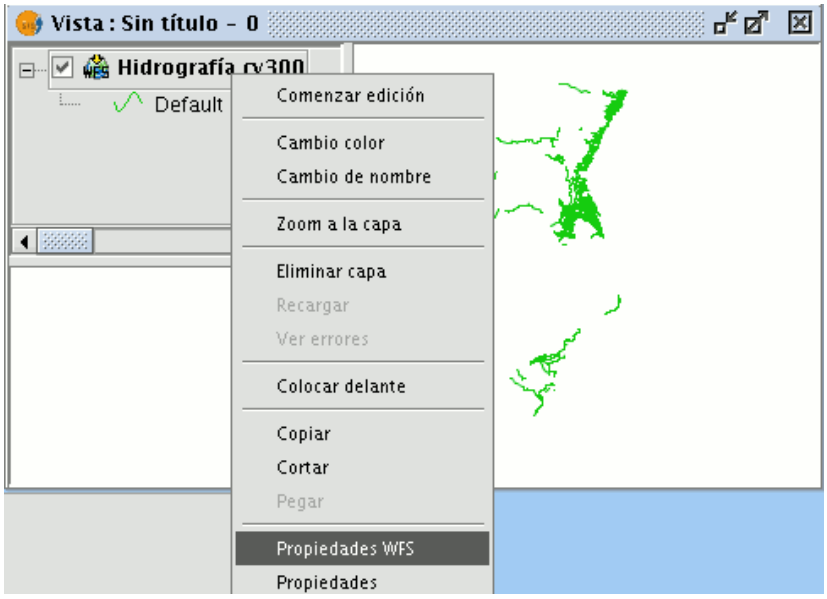


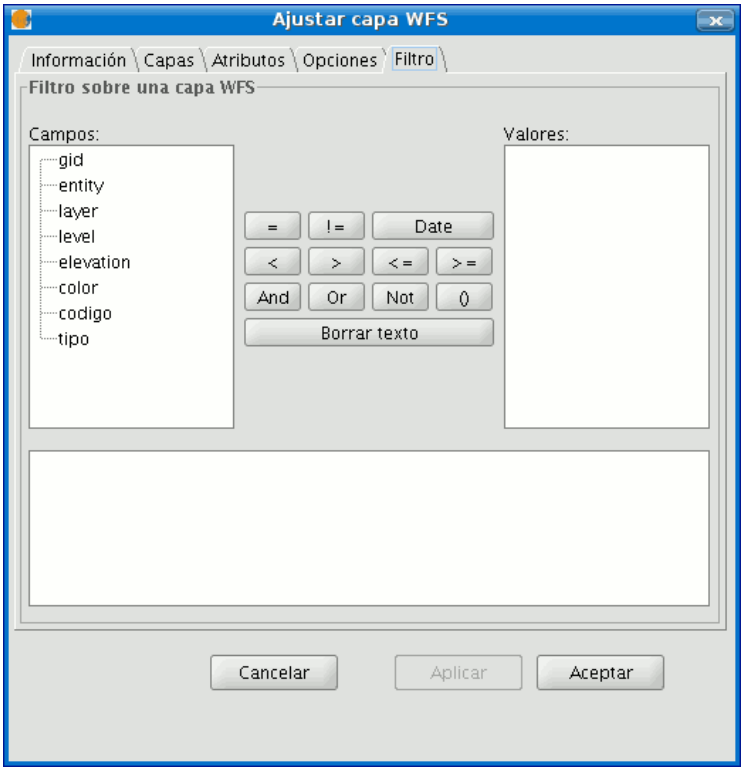
4.4.3.7 Filtro (Nuevo)

Desde esta pestaña puede realizar filtros sobre sus capas WFS. Para realizar un filtro sobre una capa WFS esta tiene que haber sido descargada previamente.

Una vez cargada la capa WFS en el ToC pulse el botón secundario del ratón, en el manú contextual seleccione la opción “Propiedades del WFS”



En la ventana pulse sobre la pestaña “Filtros”.



En el cuadro de texto “Campos” se muestran los atributos de la capa por los que puede

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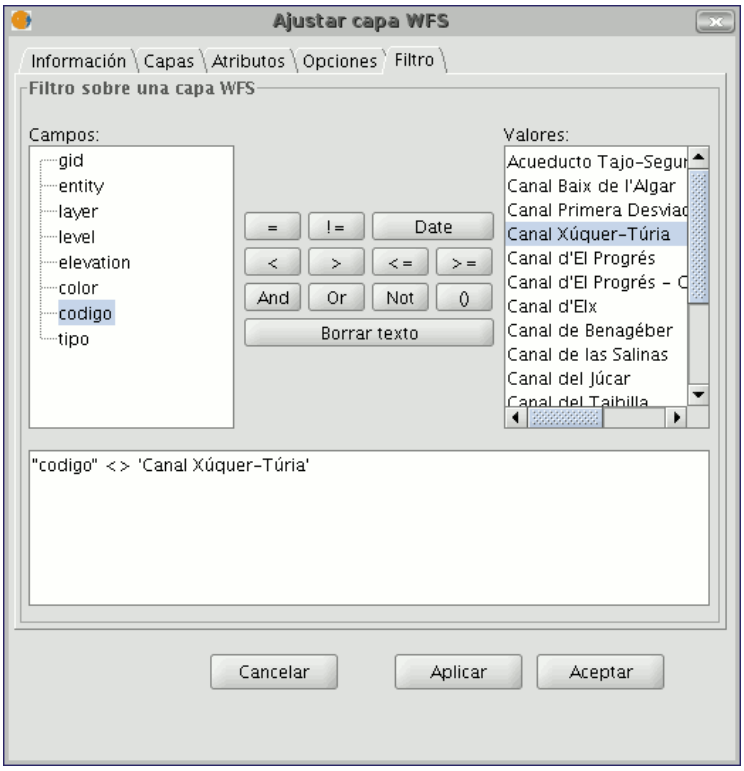
filtrar. Puede ver los valores del campo seleccionado pulsando sobre él.
para confeccionar el filtro sobre la capa WFS haga doble click sobre el campo por el que desee filtrar, aparecerá en el área de texto inferior, a continuación pulse sobre el operador que desee aplicar y por último seleccione el valor en el área de texto “Valores” haciendo doble click sobre él.



Pulse el cotón “Aceptar” cuando haya compuesto su filtro y éste se aplicará a la capa WFS.

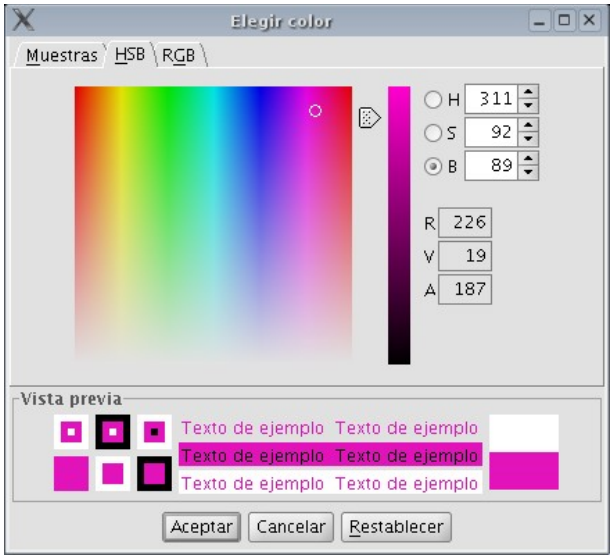
4.7 Propiedades de la capa

4.7.1 Capa vectorial

4.7.1.1 Cambiar el color

En el manual el funcionamiento de la pestaña HSB no está bien explicado. Puede fijar uno de los valores que que se utilizan para determinar el color, pulsando en el check que corresponda. Pulsando sobre el área del cuadrado podrá ir definiendo los valores para los

otros 2 parámetros, y desplazando la barra horizontal establecer el valor para el parámetro que tiene marcado en con el check.
Cuando haya definido el color que desee pulse el botón “Aceptar”.



4.7.1.3 Propiedades

En las capas shapes de tipo punto puede establecer en la pestaña “Simbología” con la opción “Símbolo único” el tipo de símbolo con el que desea que se visualice esa capa, así como el color y el tamaño del punto y si ese tamaño.

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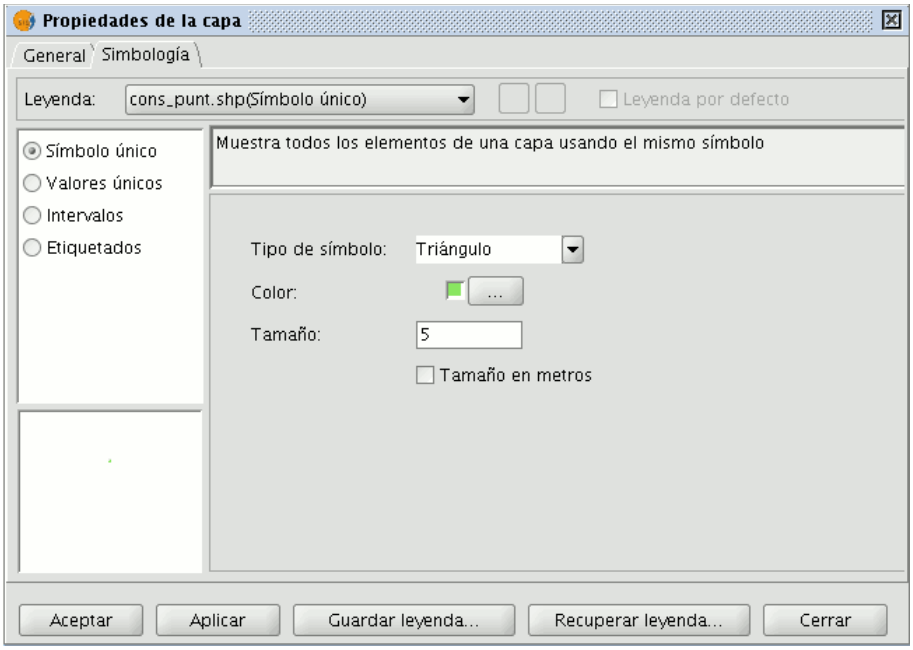


Pulse en el desplegable “Tipo de símbolo” y seleccione el símbolo que desee para la visualización de su capa. Seleccione el color y establezca el tamaño del símbolo que haya escogido.
Pulse el botón “Aplicar” para ver una previsualización de la configuración que ha establecido.
Pulse el botón “Aceptar” si desea que su configuración sea permanente.

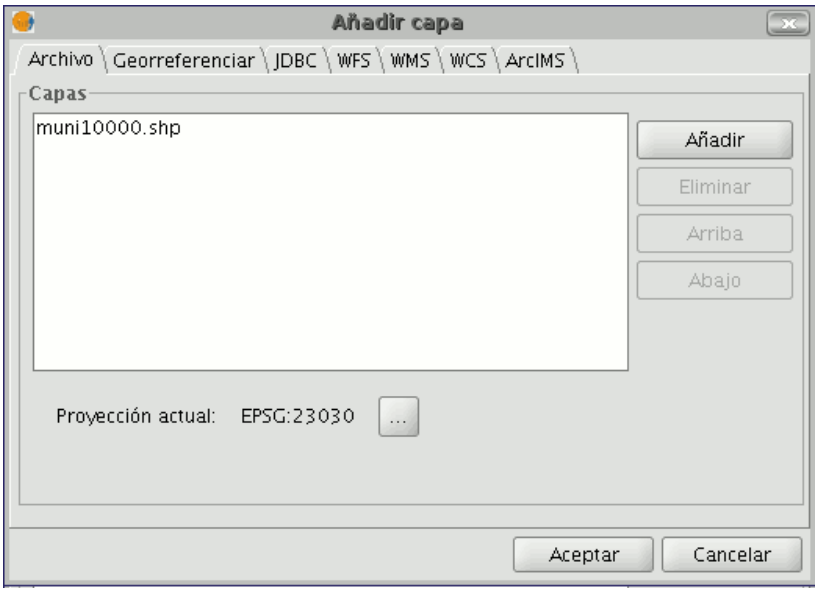
4.7.1.4 Editor de leyendas

4.7.1.4.4 Etiquetado

- **Campo de altura de texto:** Permite elegir el campo de la tabla de atributos de la capa que contiene los valores a utilizar como altura de las etiquetas. Cuando la altura se especifica en metros, deberá de ser un número entero, y que si no lo es se redondeará al entero menor más próximo.

4.9 Configurar Localizador

Falta indicar que se puede reproyectar la capa que se carga en el Localizador. Para ello cuando seleccione la capa que desee cargar en el Localizador pulse el botón situado al lado de “Proyección actual”.



En la siguiente ventana seleccione el Datum, la Proyección y el Huso que desea que tenga la capa en el localizador y pulse el botón “Aceptar” para que los cambios se reflejen en la capa.

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4.20 Tratamiento de imágenes ráster

4.20.6 Georreferenciación con cartografía base y puntos de control

Ha cambiado la interface de la ventana de georreferenciación de manera que donde ponía “longitud” y “Latitud” ahora pone X' Y'.

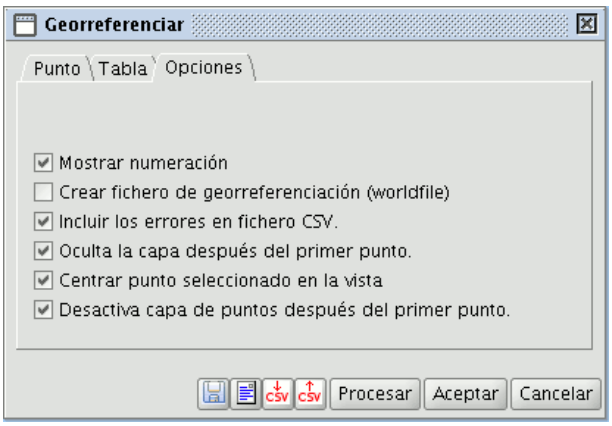
Ventana georreferenciación antigua

Ventana georreferenciación actual

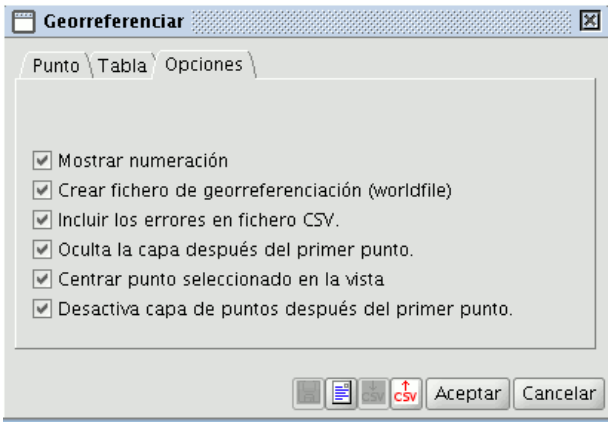
Debe tener en cuenta que los cuadros de texto “X” e “Y” pertenecen a la imagen a georreferenciar y que “X'” y “Y'” corresponden a la imagen georreferenciada.

4.20.6.5 Procesado

El botón “Procesar” se ha quitado de la interface.
Si pulsa el botón “Aceptar” estará aplicando el algoritmo que genera la georreferenciación para la imagen y la guarda en un fichero .rmf junto a ella. En las opciones puede marcar “Crear fichero de georreferenciación (worldfile)” para que pueda ser interpretado por otras aplicaciones. gvSIG utilizará el fichero generado por él mismo para la georreferenciación.



Ventana georreferenciar "Opciones" antigua



Ventana georreferenciar "Opciones" actual

4.20.6.6 Restricciones

Al cierre del manual la herramienta de georreferenciación "... sólo genera una georreferenciación básica calculando el origen y tamaño de pixel de la imagen, ni rota, ni ortorectifica ni reproyecta", pero en la versión 1.0 gvSIG hace la transformación completa (traslación, rotación y escalado).

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5 Tablas

5.5 Cargar una tabla a partir de un origen de datos JDBC

Se indica que se puede acceder a una base de datos Oracle directamente desde gvSIG, sin embargo, para acceder a una base de datos Oracle es necesario descargarse un driver específico disponible en la página web de Oracle. El archivo que hay que descargarse e instalar en gvSiG es **ojdbc14.jar**
Puede acceder a la página desde la que descargarse el archivo desde la web de gvSIG
http://www.gvsig.gva.es/index.php?id=1309&L=0%2F&K=1&L=0
o desde la propia web de Oracle pulsando el siguiente enlace
http://www.oracle.com/technology/software/htdocs/distlic.html?url=http://www.oracle.com/technology/software/tech/java/sqlj_jdbc/htdocs/jdbc_10201.html

Cuando haya descargado el archivo copielo a la carpeta bin\gvSIG\extensiones\com.iver.cit.gvsig\lib del directorio donde ha instalado gvSIG.

6 Herramientas de edición

6.2 Edición gráfica

6.2.5 Propiedades de edición

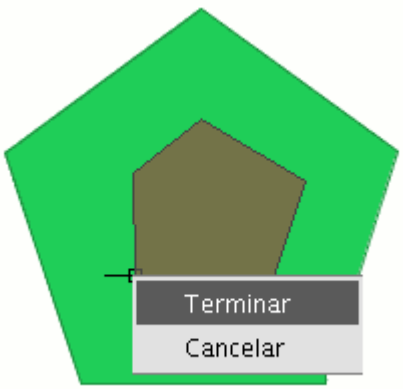
6.2.5.3 Flatness

Flatness podría ser definido como "*Calidad de la superficie de un plano*". Este parámetro es como una tolerancia que se fija, para definir cuan curvo desea que sean las formas esféricas (círculos, elipses, arcos ...), cuanto mayor sea el número, menos tramos rectos se verán y menos forma esférica tendrá.

6.2.8 Órdenes de edición

6.2.8.8 Polígono interno

El manual indica que para cerrar un polígono interno hay que pulsar la opción "End" del menú contextual, esa opción se ha cambiado de nombre y ahora se llama "Terminar"



Definiendo su polígono interno, cuando ya no desee insertar más vértices, pulse el botón secundario del ratón y, en el menú contextual que aparece, seleccione "Terminar".

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6.3 Edición alfanumérica

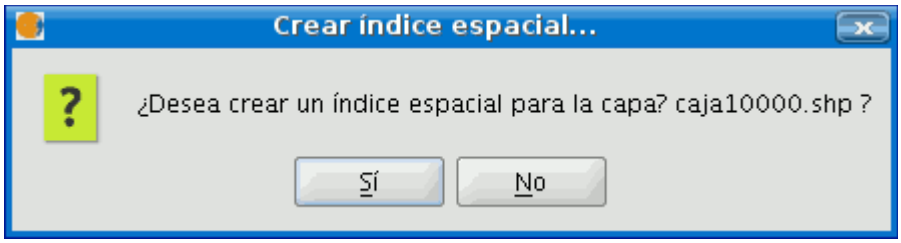
6.3.4 Modificar la estructura de una tabla

Existe un error cuando se cambia la estructura de una tabla alojada en una base de datos postgresql superior a la versión 7.4. Para modificar la estructura debe utilizar un gestor de bases de datos apropiado.

7 Herramientas de Geoprocesamiento

7.1 Introducción

Al aplicar algunas de las herramientas de geoprocesamiento (por ejemplo RECORTE o CLIP) aparece una ventana desde la que se puede crear un índice espacial sobre la capa de entrada. Esto es un proceso interno, que se hace una única vez por cada capa por proyecto nuevo, que acelera los procesos de intersección espacial.



Para crear un índice espacial para la capa de entrada y que este sea usado por los geoprocesos pulse el botón “Sí”.

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```
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```
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